

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Niha

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131811

pH Meter ID: ph Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP108932
Calibration Std. hexchrome 0.05 ppm	WP108931
calibration std. hexchrome 0.01 ppm	WP108929
calibration std. hexchrome 0 ppm	WP108928
hexavalent chromium color reagent	WP108907
5N sulfuric acid	WP107791
HEX LOD STD, 0.005PPM	WP108935
Hex LOQ Std, 0.01PPM	WP108936
Calibration Std Hexachrome 0.025 ppm	WP108930
Hexavalent Chromium ICV-LCS Std	WP108934
Calibration and CCV std HexChrome 0.5PPM	WP108933
Calibration std HexChrome 1.0PPM	

Intercept: -0.0002

Slope: 0.7844

Regression: 0.999996

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100		2.33	0.000	0.000	0.000	0.000		07/31/2024	15:30
2	CAL2	0.01	1	100	100		2.04	0.000	0.007	0.007	0.009	-10	07/31/2024	15:31
3	CAL3	0.025	1	100	100		2.41	0.000	0.018	0.018	0.023	-8	07/31/2024	15:32
4	CAL4	0.05	1	100	100		2.22	0.000	0.040	0.040	0.051	2	07/31/2024	15:33
5	CAL5	0.1	1	100	100		2.08	0.000	0.079	0.079	0.100	0	07/31/2024	15:34
6	CAL6	0.5	1	100	100		1.87	0.000	0.392	0.392	0.5	0	07/31/2024	15:35
7	CAL7	1	1	100	100		1.74	0.000	0.784	0.784	0.999	-0.1	07/31/2024	15:36



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pH Meter ID: pH Meter-1

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.88	0.000	0.391	0.391	0.499	07/31/2024	15:37
2	ICB		1	100	100		2.08	0.000	0.000	0.000	0.000	07/31/2024	15:38
3	CCV1	0.5	1	100	100		2.37	0.000	0.393	0.393	0.501	07/31/2024	15:39
4	CCB1		1	100	100		1.87	0.000	0.001	0.001	0.002	07/31/2024	15:40
5	RL Check	0.01	1	100	100		2.09	0.000	0.006	0.006	0.008	07/31/2024	15:41
6	lb131811BL		1	100	100		1.80	0.000	0.001	0.001	0.002	07/31/2024	15:42
7	lb131811BS	0.5	1	100	100		2.11	0.000	0.396	0.396	0.505	07/31/2024	15:43
8	P3390-07		1	100	100		2.41	0.000	0.004	0.004	0.005	07/31/2024	15:44
9	P3390-08		1	100	100		2.17	0.000	0.008	0.008	0.010	07/31/2024	15:45
10	P3426-01		1	100	100		1.85	0.001	0.002	0.001	0.002	07/31/2024	15:46
11	P3426-01DU		1	100	100		1.74	0.002	0.002	0.000	0.000	07/31/2024	15:47
12	P3426-01MS	1	2	100	100		2.18	0.002	0.361	0.359	0.458	07/31/2024	15:48
13	P3426-01MS	1	2	100	100		2.22	0.002	0.361	0.359	0.458	07/31/2024	15:49
14	P3426-02		1	100	100		1.84	0.001	0.002	0.001	0.002	07/31/2024	15:50
15	CCV2	0.5	1	100	100		1.96	0.000	0.393	0.393	0.501	07/31/2024	15:51
16	CCB2		1	100	100		2.33	0.000	0.000	0.000	0.000	07/31/2024	15:52

WORKLIST(Hardcopy Internal Chain)

LB131811

WorkList Name : HEX-073124

WorkList ID : 182242

Department : Wet-Chemistry

Date : 07-31-2024 15:03:21

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3390-07	LOD-MDL-WATER-01-QT3-202	Water	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	07/29/2024	7196A
P3390-08	LOQ-WATER-02-QT3-2024	Water	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	07/29/2024	7196A
P3426-01	927-K1-WS-072124	Water	Hexavalent Chromium	Ammonium sulfate buffer	JACO05	E21	07/31/2024	7196A
P3426-02	927-K1-WS-072124-FD	Water	Hexavalent Chromium	Ammonium sulfate buffer	JACO05	E21	07/31/2024	7196A

Date/Time 07/31/24 14:50
 Raw Sample Received by: NF(wc)
 Raw Sample Relinquished by: JN cady

Date/Time 07/31/24 16:00
 Raw Sample Received by: JN cady
 Raw Sample Relinquished by: NF(wc)